

High Performance Sustainable Schools Workshop

March 24, 2010

Agenda (March 24, 2010)

- District Energy Management Team
- Committee at Schools
- Training Status
- Energy Star Schools
- Energy Use Principle
- Future Plans

Scott County District Energy Management Team

- Members of District Energy Team
 - Randy Cutright – Chief Financial Officer
 - Sherry Robison - Financial Accountant
 - Chip Southworth - Director of Secondary Education
 - Zan Rexroat - Director of Maintenance
 - Shelia Setser - Senior Systems Engineer
 - Rene Holmes - Community Relations
 - Jim McClanahan - Assistant Director of Maintenance
 - Chad Wallace - Teacher
 - Plus Outside Partners/Consultants
- Members attended the KEEPS Energy Management Training

Scott County Schools Outside Partnerships/Consultants

- Invited Toyota to Join our District Team
 - Roger Wallin, Assistant Manager, Mfg Support Utilities Engineering/Energy Management
- Invited Ron Willhite, Former Kentucky Utilities Executive and Former School Board Member to Join the District Team
- Invited Both Electrical and Mechanical Engineers Who Work on Designing our Buildings to Join - Cory Sharrard and Jeff Frohlich from KTA

Committees at Schools

- Energy teams have been formed at each school consisting of the Principal, a Teacher/Leader, other teachers, the Head Custodian, Students and Parents with Community Partners
- We have all of our utility providers, all of the governments in Scott County, all education organizations, community organizations, engineering, architect and construction management firms plus major retailers involved.
- See the list on the detailed page that follows.

<u>School</u>	<u>Leader</u>	<u>Teacher(s)</u>	<u>Custodian</u>	<u>Parent</u>	<u>Students</u>	<u>Community Partner</u>
SCHS	Frank Howatt	Caleb Mathis	Lillie Grimes	Theresa Shoup	Jazzy Shoup/Kandice Kidd Plus 5 more	Scott County Government Toyota
9th Grade	Jason Radford	Leigh Ellen Baird	Deanna Grimes	Jim Bates	Green Team	Wal Mart
SCMS	Jennifer Sutton	Chad Wallace Sherri Beth McKee	Lucille Tarkington	Nancy Curtis Patti Abney	Joseph Abney Plus 17 more	Columbia Gas
RSMS	Shannon Gullett	BW Thornton	Rick Stubbs	Dan Adams	Barret Adams Plus 13 more	Thermal Equipment Sales Kentucky Utilities
GMS	Tommy Hurt	Gayla Thompson	Bill Hughes	Jennifer Cross	Beau Revlett	City of Georgetown Lucas/Schwering Arch.
AME	Leah Riney	Laura Colliver/Kim Dant Tabetha Housekeeper	Cam Middleton	Missie Hickey	Reagan Goss Baili Smith	University of Kentucky Scott County Cooperative
Eastern	Ed Denney	Denise Kozemchak	Jimmy Flynn	Ken Wright	Madison Cox/Garrett Nail	Bluegrass Energy
Garth	Rusty Andes	Jay Featherston/Lynnette Mills	Theresa Brown	Nikki Brandenburg Russ Thomason Nancy Thomason	Levi Brandenburg Connor Thomason	Georgetown College
Northern	Judy Hunter	Elizabeth Cook	Bobby Scouten	Lisa Hunsaker	Brodie Hunsaker	City of Sadieville KTA Consulting Engr.
Southern	Bryan Blankenship	Anthony Gullett Lori Graves	Christine Gray	Becky Lewis	Hallie Fain Shane Clifton	Georgetown Hospital Alliance Corporation
Stamping Ground	Paul Krueger	Jennifer Rase	Ron Neal	Tim Frasure	Katie Biggerstaff	City of Stamping Ground
Western	Deborah Haddad	Corbie Bennett/Cathy Reveal	Daniel Catron	Nancy Cronin	Adrienne Reveal	Lowes
Central Office/ Preschool/Misc	Chip Southworth	N/A	Carolyn Yuravich	N/A	N/A	Owen County RECC Sherman Carter Barnhart

Training Status

- District Committee Members have attended KEEPS Energy Management Workshop
- All Secondary Teachers attended KEEPS Energy Management Workshop
- Head Custodians were trained on October 7, 2009. This training is recorded and available to share with other staff members
- All Elementary Teachers attended the NEED Energy Workshop in Georgetown on 12/1/2009

Scott County Energy Star Schools

- Stamping Ground Elementary – 2008
- Southern Elementary – 2009
- Eastern Elementary – 2009
- Royal Spring Middle School – 2009

Energy Use Principle

In support of student learning, Scott County Schools collaborate to reduce energy consumption of buildings, classrooms, equipment and vehicles.

(Approved by Scott County School Board on November 10, 2009)

Future Plans

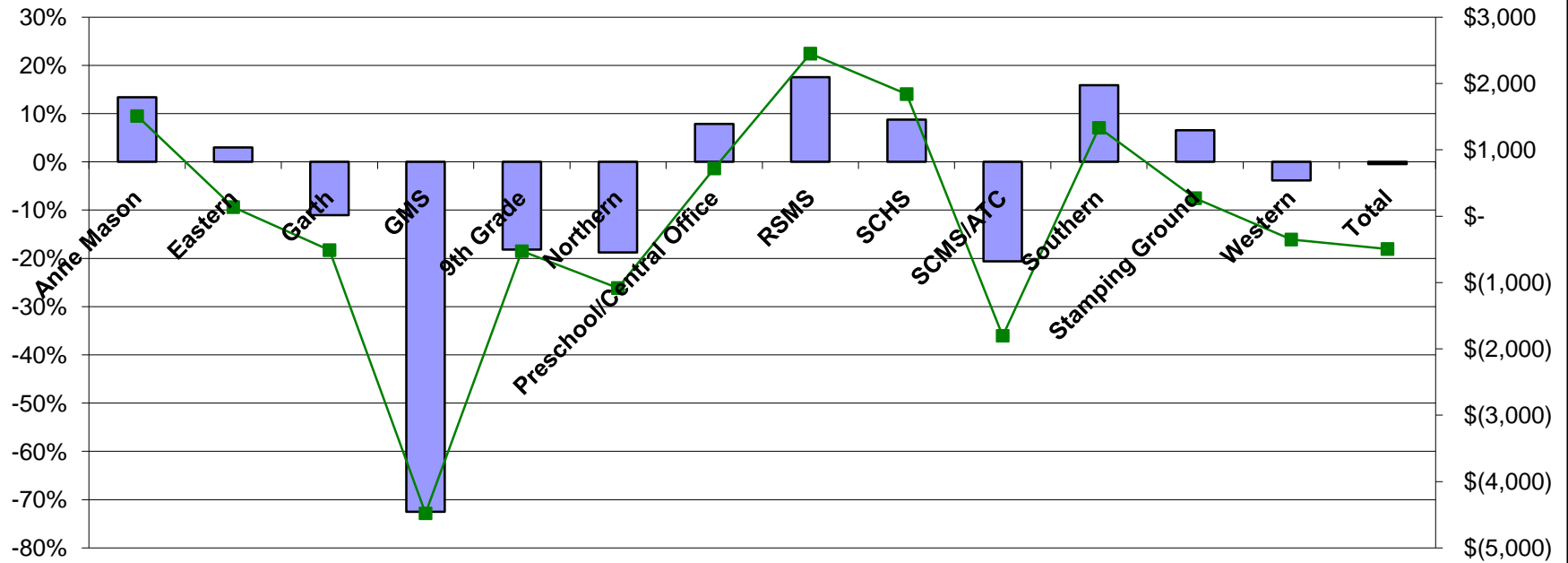
- Submit for Grants that may become available for Energy Management Program
- Recognize Schools with Best Results Each Month
- Celebrate and Communicate Results

Results	January					2010 YTD Results				
School Facility	2009 Actual Kwh	2010 Actual Kwh	% Reduction	Position	\$ Cost Reduction	2009 Actual Kwh	2010 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Reduction
Anne Mason	153,745	133,124	13.41%	3	\$ 1,509	153,745	133,124	13.41%	3	\$ 1,509
Eastern	63,363	61,485	2.96%	7	\$ 137	63,363	61,485	2.96%	7	\$ 137
Garth	63,250	70,235	-11.04%	9	\$ (511)	63,250	70,235	-11.04%	9	\$ (511)
GMS	84,400	145,600	-72.51%	13	\$ (4,480)	84,400	145,600	-72.51%	13	\$ (4,480)
9th Grade	39,600	46,800	-18.18%	10	\$ (527)	39,600	46,800	-18.18%	10	\$ (527)
Northern	78,800	93,600	-18.78%	11	\$ (1,083)	78,800	93,600	-18.78%	11	\$ (1,083)
Preschool/Central Office	124,906	115,052	7.89%	5	\$ 721	124,906	115,052	7.89%	5	\$ 721
RSMS	190,360	156,880	17.59%	1	\$ 2,451	190,360	156,880	17.59%	1	\$ 2,451
SCHS	286,240	261,098	8.78%	4	\$ 1,840	286,240	261,098	8.78%	4	\$ 1,840
SCMS/ATC	119,587	144,224	-20.60%	12	\$ (1,803)	119,587	144,224	-20.60%	12	\$ (1,803)
Southern	114,748	96,542	15.87%	2	\$ 1,333	114,748	96,542	15.87%	2	\$ 1,333
Stamping Ground	55,835	52,157	6.59%	6	\$ 269	55,835	52,157	6.59%	6	\$ 269
Western	123,994	128,796	-3.87%	8	\$ (352)	123,994	128,796	-3.87%	8	\$ (352)
Total	1,498,828	1,505,593	-0.45%		\$ (495)	1,498,828	1,505,593	-0.45%		\$ (495)

January Kwh Cost \$ 0.07

YTD Kwh Cost \$ 0.07

2010 YTD Kwh and Cost Reduction



% Reduction
 YTD \$ Cost Reduction

